

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/003481

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M16/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 389 272 A (BRAIN ARCHIBALD IAN JEREMY) 26 September 1990 (1990-09-26) column 5, line 13 - column 8, line 24; figures 3,6	1-6, 8-13, 15-18, 20,21
A	W0 00/09189 A (BRAIN ARCHIBALD IAN JEREMY) 24 February 2000 (2000-02-24) page 10, line 25 - page 11, line 1 page 24, line 25 - page 25, line 1 page 32, line 2 - line 11 page 28, line 12 - line 23 ----- -/--	1,2,4-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the international search report

15 02 2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/30706 A (AUGUSTINE MEDICAL INC ; AUGUSTINE SCOTT D (US); ARNOLD RANDALL CHARLES) 2 June 2000 (2000-06-02) page 8, line 19 - page 11, line 7; figure 1	1-5,13, 17,18, 20-24
X	----- US 5 988 167 A (KAMEN JACK M) 23 November 1999 (1999-11-23) column 1, line 55, paragraph 2 - page 45; figure 2	1-5, 10-12, 17-24
A	----- US 2001/015207 A1 (PAGAN ERIC) 23 August 2001 (2001-08-23) paragraph [0017] - paragraph [0027]	1-5,10, 11,13, 17,18, 20,21
A	----- EP 0 911 049 A (SMITHS INDUSTRIES PLC) 28 April 1999 (1999-04-28) paragraph [0008] - paragraph [0012]	1-5,13, 17,18, 20,21
A	----- US 2002/010417 A1 (BERTRAM VOLKER) 24 January 2002 (2002-01-24) paragraph [0009]	1,2
A	----- US 3 734 100 A (BAZELL S ET AL) 22 May 1973 (1973-05-22) column 7, line 5 - line 27	1,2
A	----- EP 1 125 595 A (SMITHS GROUP PLC) 22 August 2001 (2001-08-22) paragraph [0011] - paragraph [0020]	26-32
A	----- US 5 391 248 A (BRAIN ARCHIBALD I J) 21 February 1995 (1995-02-21) column 7, line 30 - line 58	26-32
X,P, L	----- WO 2004/016308 A (NASIR MUHAMMED ASLAM) 26 February 2004 (2004-02-26) L: Priority page 10, line 8 - page 21, line 4	1-13, 17-24
X	& GB 2 393 399 A (NASIR MUHAMMED ASLAM) 31 March 2004 (2004-03-31) cited in the application -----	1-13, 17-24

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 25; 33
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

As a result of the prior review under R. 40.2(e) PCT,
no additional fees are to be refunded.

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☒ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-24, 25

an airway device, comprising:

- A) an airway tube
- B) a non-inflatable cuff at the distal end of A)
- and
- C) hardness of the cuff material

2. claims: 26-32, 33

a method of manufacturing an airway device, comprising:

- A) an airway tube
- B) a non-inflatable cuff at the distal end of A)
- by
- D) steps of moulding a liquid plastic material

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 25, 33

Claims 25 and 33 attempt to define their subject-matter in relation to other parts of the application, contrary to the requirements of Rule 6.2 PCT. As these claims do not contain any technical features, no meaningful search can be performed (Article 17(2)(a)(ii) PCT).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0389272	A	26-09-1990	GB 2229367 A	26-09-1990
			AT 112970 T	15-11-1994
			AU 630433 B2	29-10-1992
			AU 5203690 A	27-09-1990
			CA 2012750 A1	22-09-1990
			DE 69013380 D1	24-11-1994
			DE 69013380 T2	23-02-1995
			DK 389272 T3	27-02-1995
			EP 0389272 A2	26-09-1990
			ES 2065483 T3	16-02-1995
			JP 2283378 A	20-11-1990
			JP 2931988 B2	09-08-1999
			KR 138517 B1	30-04-1998
			NZ 232989 A	25-09-1992
			US 4995388 A	26-02-1991
			ZA 9002154 A	27-02-1991
WO 0009189	A	24-02-2000	AT 255446 T	15-12-2003
			AU 5378999 A	06-03-2000
			CA 2340245 A1	24-02-2000
			DE 69913358 D1	15-01-2004
			DE 69913358 T2	09-12-2004
			DK 1104320 T3	13-04-2004
			EP 1104320 A1	06-06-2001
			ES 2214878 T3	16-09-2004
			WO 0009189 A1	24-02-2000
			PT 1104320 T	30-04-2004
			US 2003051734 A1	20-03-2003
			US 6439232 B1	27-08-2002
WO 0030706	A	02-06-2000	US 6119695 A	19-09-2000
			AT 277661 T	15-10-2004
			AU 5131499 A	13-06-2000
			DE 69920742 D1	04-11-2004
			EP 1133329 A1	19-09-2001
			WO 0030706 A1	02-06-2000
			US 6338343 B1	15-01-2002
US 5988167	A	23-11-1999	AU 726124 B2	02-11-2000
			AU 7265598 A	27-11-1998
			CA 2289224 A1	12-11-1998
			EP 1015054 A1	05-07-2000
			WO 9850096 A1	12-11-1998
US 2001015207	A1	23-08-2001	AU 745760 B2	28-03-2002
			AU 1212099 A	02-09-1999
			EP 0935971 A2	18-08-1999
			GB 2334215 A ,B	18-08-1999
EP 0911049	A	28-04-1999	AU 728123 B2	04-01-2001
			AU 8832298 A	06-05-1999
			CA 2250377 A1	16-04-1999
			EP 0911049 A1	28-04-1999
			GB 2330312 A ,B	21-04-1999
			JP 11192304 A	21-07-1999
			US 6012452 A	11-01-2000
US 2002010417	A1	24-01-2002	DE 19962985 C1	28-12-2000

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3734100	A	22-05-1973	GB 1414344 A	19-11-1975
			AT 345437 B	11-09-1978
			AU 479977 A	03-10-1974
			CH 566145 A5	15-09-1975
			DE 2322506 A1	14-11-1974

EP 1125595	A	22-08-2001	AU 778226 B2	25-11-2004
			AU 1825901 A	09-08-2001
			CA 2333828 A1	08-08-2001
			EP 1125595 A1	22-08-2001
			GB 2359996 A ,B	12-09-2001
			JP 2001238952 A	04-09-2001
			US 2001025641 A1	04-10-2001
			US 2005005931 A1	13-01-2005
			ZA 200101051 A	14-08-2001

US 5391248	A	21-02-1995	MX 9301163 A1	29-07-1994
			US 5305743 A	26-04-1994
			AU 3958293 A	29-08-1994
			CA 2107027 A1	29-03-1994
			CA 2155112 A1	18-08-1994
			WO 9417848 A1	18-08-1994
			US 5355879 A	18-10-1994

WO 2004016308	A	26-02-2004	WO 2004016308 A2	26-02-2004
			GB 2393399 A	31-03-2004

GB 2393399	A	31-03-2004	WO 2004016308 A2	26-02-2004
